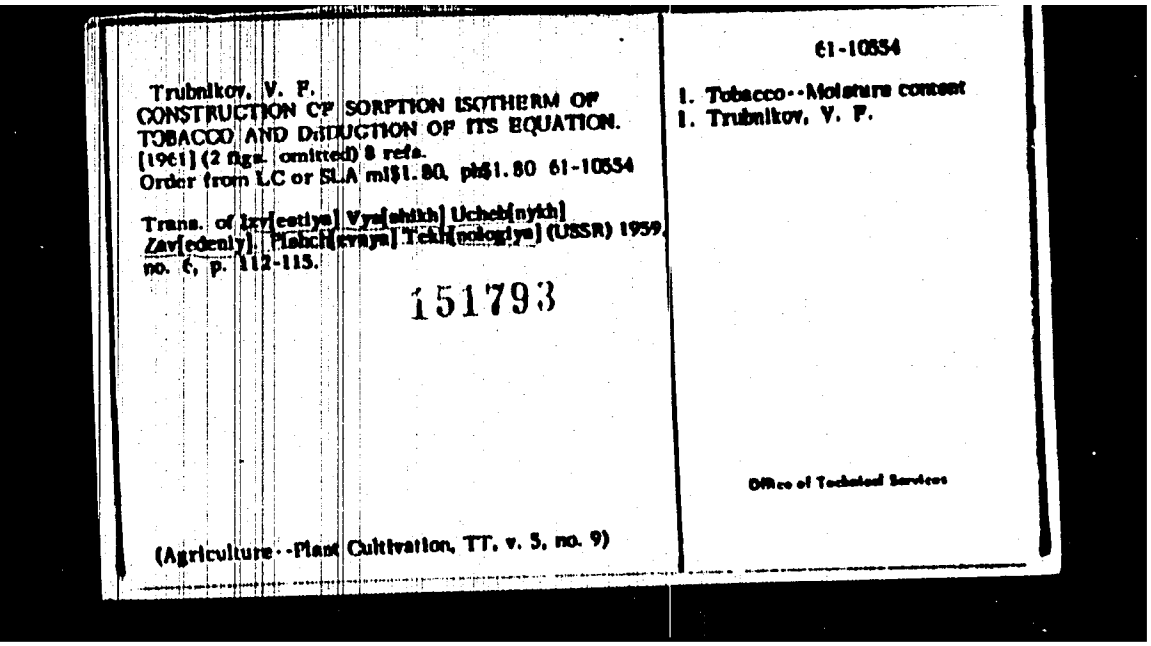
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Trubnikov, V. P.
CONSTRUCTION OF SORPTION ISOTHERM OF TOBACCO AND DEDUCTION OF ITS EQUATION. [1961] (2 figs. omitted) 8 refs.
Order from LC or SLA ml$1.80, ph$1.80 61-10554

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edeniy]. Pishch[evaya] Tekh[nologiya] (USSR) 1959, no. 6, p. 112-115.

151793

(Agriculture--Plant Cultivation, TT, v. 5, no. 9)

61-10554

1. Tobacco--Moisture content
I. Trubnikov, V. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Nitrogenous Substances of Cognac Spirit, by Ts. L. Petrosyan.

RUSSIAN, per, Iz Vysshikh Uchebn Zaved, Pishchevaya Tekh, No 1, 1960, pp 144-145.

SLA 61-27040
MLL RTS 1698

Sci - Chem

Apr 62

189,808

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Popova, L. P.
COMPOSITION OF SMOKE FROM TOBACCO PREPARED BY DIFFERENT METHODS OF DRYING.
[1961] 9p. 16 refs.
Order from OTS or SLA $1.10 61-18830

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zaved[enii]. Pishch[evaya] Tekhnol[ogiya] (USSR) 1960, no. 4, p. 35-39.

DESCRIPTORS: *Tobacco,*Smokes, Chemical analysis, Combustion, *Nicotine, Plants, Agriculture, Botany, Cigarettes, *Dehydration.

Tobacco of the same botanical grade, grown in identical conditions, but dried by different methods, gave smoke having different chemical composition. The pH of an aqueous solution of the smoke is acid and is displaced in the alkaline direction on increasing the time (Chemistry--Analytical, TT, v. 6, no. 10) (over)

61-18830

I. Popova, L. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Yunoshev, V. K.
DEVELOPMENT OF OXIDATIVE PROCESSES DURING TOBACCO FERMENTATION. [1962] 12p.
Order from K-H $15.00 K-H 11411-j

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1960, no. 5, p. 91-96.

DESCRIPTORS: Oxidation, *Tobacco, *Fermentation.

(Chemistry--Analytical, TT, v. 8, no. 7)

62-17678

I. Yunoshev, V. K.
II. K-H-11411-j
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Vasilenko, V. M.
LOSSES OF VOLATILE TOBACCO PRODUCTS DURING FERMENTATION. [1961] 9p. 20 refs.
Order from OTS or SLA $1.10 61-20048

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya (USSR) 1960, no. 5, p. 97-102.

DESCRIPTORS: *Tobacco, Processing, Oxidation, Carbon dioxide, Absorption, Determination, Vapor pressure, Moisture, Humidity, Temperature.

A method is described for determining total volatile products and carbon dioxide absorbed by an alkaline buffer solution of sodium hydroxide during the fermentation of tobacco. A considerable amount of carbon dioxide is formed during the fermentation. The relative amount of the carbon dioxide formed increases
(Agriculture--Plant Cultivation, TT, v. 7, no. 10)
(over)

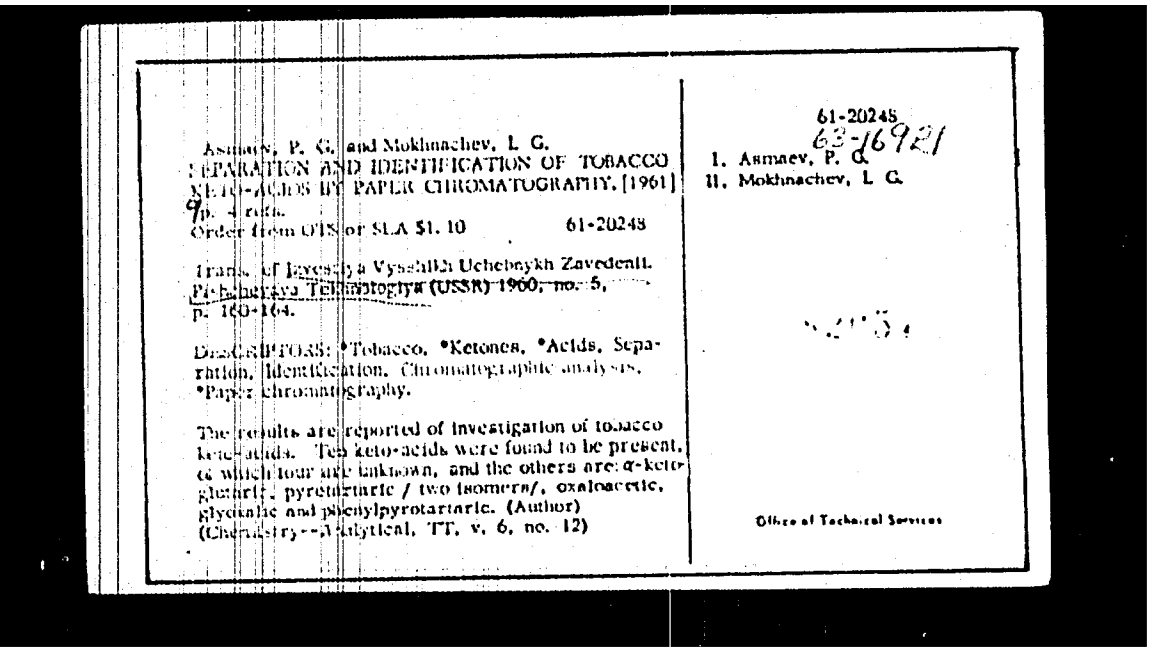
61-20048

1. Vasilenko, V. M.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Asmaev, P. G. and Mokhnachev, L. G.
SEPARATION AND IDENTIFICATION OF TOBACCO KETO-ACIDS BY PAPER CHROMATOGRAPHY. [1961]
9p. 4 refs.
Order from OTS or SLA $1.10 61-20248

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya (USSR) 1960, no. 5, p. 160-164.

DESCRIPTORS: *Tobacco, *Ketones, *Acids, Separation, Identification, Chromatographic analysis, *Paper chromatography.

The results are reported of investigation of tobacco keto-acids. Ten keto-acids were found to be present, of which four are unknown, and the others are: α-keto glutaric, pyruvic / two isomers /, oxaloacetic, glyoxalic and phenylpyrotartaric. (Author)
(Chemistry--Analytical, TT, v. 6, no. 12)

61-20248
63-16921
I. Asmaev, P. G.
II. Mokhnachev, L. G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Filin Koldakov, B. V. and Popova, L. P.
DETERMINATION OF ACIDS IN TOBACCO SMOKE BY POTENTIOMETRIC TITRATION IN A NON-AQUEOUS MEDIUM. Apr 62, 10p.
Order from K-H $12.50 (P/60) SLA 63-16687 K-H 11401-b

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1960, no. 5, p. 165-169.

DESCRIPTORS: *Tobacco, *Smokes, *Acids, *Titration.

(Chemistry--Analytical, TT, v. 8, no. 4)

62-12767
63-16687

I. Filin Koldakov, B. V.
II. Popova, L. P.
III. K-H-11401-b
IV. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Kurilenko, O. D., Kaban, A. P., and Nedyuzhin, A. A.
INVESTIGATION OF THE RHEOLOGICAL PROPERTIES OF SOLUTION OF STARCH PASTE, AMYLOSE AND AMYLOPECTIN. [1962] 8p.
Order from K-H $10.00 (11.10) SLA 63-14465 K-H 11891

Trans. from Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya (USSR) 1961, no. 1. [p. 12-16].

DESCRIPTORS: *Fluid dynamic properties, Viscosity, *Starches, *Carbohydrates, *Polysaccharides, Colloids.

(Chemistry--Organic, TT, v. 9, no. 10)

62-17441

1. Title: Amylopectin
2. Title: Amylose
I. Kurilenko, O. D.
II. Kaban, A. P.
III. Nedyuzhin, A. A.
IV. K-H-11891
V. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Ermolenko, V. D.
A STUDY OF FORMS OF BONDS BETWEEN FOOD MATERIALS AND MOISTURE BY THE METHOD OF PHYSICAL CHARACTERISTICS. [1963] [14]p. 18 refs.
Order from OTS or SLA $1.60 63-14949

Trans. of [Izvestiya Vysshikh Uchebnykh Zavedenii. Pishchevaya Tekhnologiya] (USSR) 1961, no. 1 [p. 140-146].

DESCRIPTORS: Food, Moisture, *Sorption, *Flour, Bread, *Starches, *Bakery products, Physical properties, Heat treatment, Temperature, Electrical properties, Adhesion, Hygrometers.

Proposed is the method of a complex research of thermophysical, electrophysical and hygrometric characteristics, with the intention to clarify the forms of bonds between the moisture and the food products. (Food, TT, v. 10, no. 7) (over)

63-14949

1. Ermolenko, V. D.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Mokhnachev, K. G.
DETERMINATION OF BOUND WATER-SOLUBLE CARBOHYDRATES IN TOBACCO. [1962] 8p.
Order from K-H $10.00 K-H 11455-f

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 2, p. 54-57.

DESCRIPTORS: *Tobacco, Chemical analysis, *Carbohydrates, Determination.

(Chemistry--Analytical, TT, v. 8, no. 4)

62-17530

I. Mokhnachev, K. G.
II. K-H-11455-f
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Asmaev, P. G. and Mokhnachev, I. G.
THE CHANGE IN BOUND WATER-SOLUBLE CARBOHYDRATES OF TOBACCO DURING ITS TREATMENT.
[1963] 14p. 7 refs.
Order from OTS or SLA $1.60 63-16920

Trans. of Izvest[iya] Vyashikh Uchebnykh Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 2, p. 58-63.

DESCRIPTORS: *Carbohydrates, Processing, *Tobacco, Taste, Toxicity.

The change in different groups of bound carbohydrates determined by the phenol-H_2SO_4 method, during the treatment of tobacco, is investigated. Hypotheses are advanced on the composition of the bound hydrocarbons of each group. (Author)

(Chemistry--Analytical, TT, v. 10, no. 9)

63-16920

I. Asmaev, P. G.
II. Mokhnachev, I. G.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Popova, L. P.
COMPOSITION OF SMOKE FROM TOBACCOS SUBJECTED TO DIFFERENT FERMENTATION CONDITIONS. [1962] 8p.
Order from K-H $10.00 K-H 11538-c

Trans. of Izvest[iya] Vysshikh Ucheb[nykh] Zavedenii. Pishchevaya Tekhnol[ogiya] (USSR) 1961, no. 5, p. 97-101.

DESCRIPTORS: *Tobacco, *Smokes, Analysis, *Fermentation

(Biological Sciences--Botany, TT, v. 8, no. 4)

62-17588

I. Popova, L. P.
II. K-H-11538-c
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Yunoshev, V. K.
QUANTITATIVE CHANGES OF CHLOROGENIC AND CAFFEIC ACIDS IN THE FERMENTATION OF TOBACCO. [1962] 10p. 19 refs.
Order from OTS or SLA $1.10 62-16515

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4, p. 44-50.

DESCRIPTORS: *Tobacco, *Fermentation, Quantitative analysis, Temperature, Oxidation, Phenols, *Caffeic acids, *Chlorogenic acids

The effects of time and temperature of fermentation of tobacco on β-glycosidase activity and on the content of non-oxidised forms of chlorogenic and caffeic acids were investigated. It was found that in the initial stages of the fermentation the quantities of chlorogenic and caffeic acids decrease independently of the tem-
(Chemistry, TT, v. 8, no. 10) (over)

62-16515

1. Yunoshev, V. K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Asmaev, P. G. and Popova, L. P.
AMOUNT AND COMPOSITION OF THE SOLID-LIQUID PHASE OF TOBACCO SMOKE. [1962] 11p.
15 refs.
Order from OTS or SLA $1.60 63-10684

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4, p. 51-57.

DESCRIPTORS: *Tobacco, *Smokes, *Phase studies, Solids, Liquid, *Cigarettes, Hydrocarbons, Chemical analysis.

The relation between the amount of the solid-liquid phase of tobacco smoke and the time of burning of the cigarette and the moisture content of tobacco was determined. The amounts of water, higher hydrocarbons, steam volatile oil, alkaloids, non-saponifiable (Chemistry--Analytical, TT, v. 9, no. 11) (over)

63-10684

I. Asmaev, P. G.
II. Popova, L. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Tsonev, L. K.
CHANGES OF ESSENTIAL OILS AND RESINS IN THE TOBACCO DRYING PROCESS. [1962] 6p. 25 refs. Order from OTS or SLA $1.10 62-16516

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii]. Pishch[evaya] Tekh[nologiya] (USSR) 1961, no. 4, p. 58-61.

DESCRIPTORS: *Tobacco, Dehydration, Oils, Resins, Chemical analysis, *Smokes.

The amounts of essential oils and resins in tobaccos dried by various methods were determined. Fractional composition of the resins was investigated. The amount of ethereal oils and resins increases and the quality of the resins improves with increasing time of drying of tobacco. (Author)
(Chemistry--Analytical, TT, v. 8, no. 8)

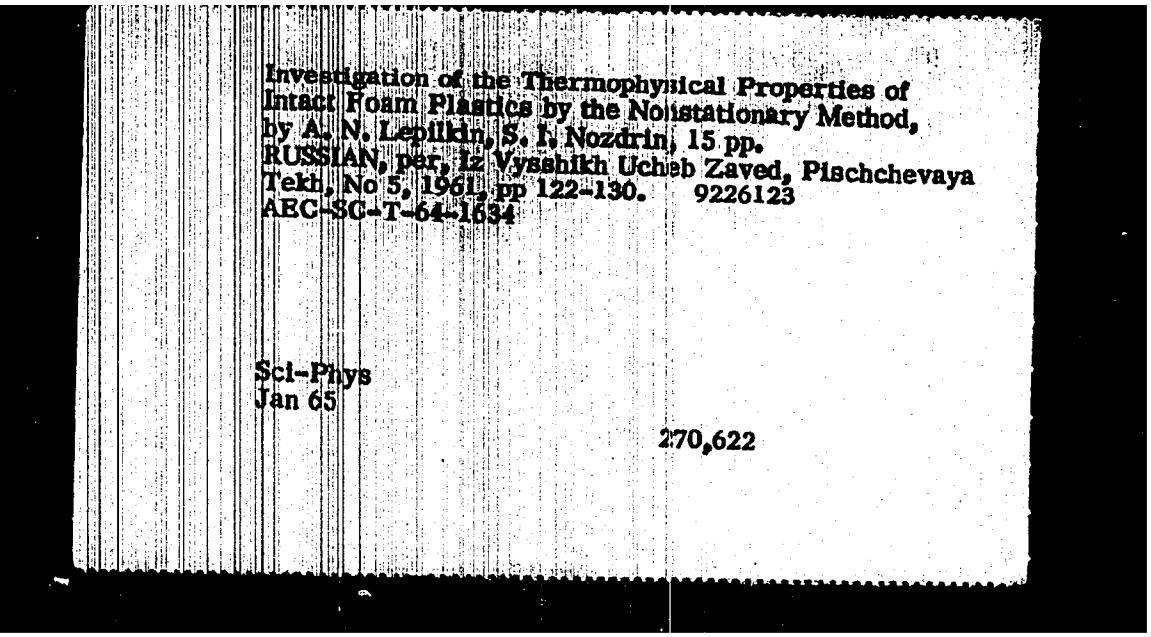
62-16516

1. Tsonev, L. K.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



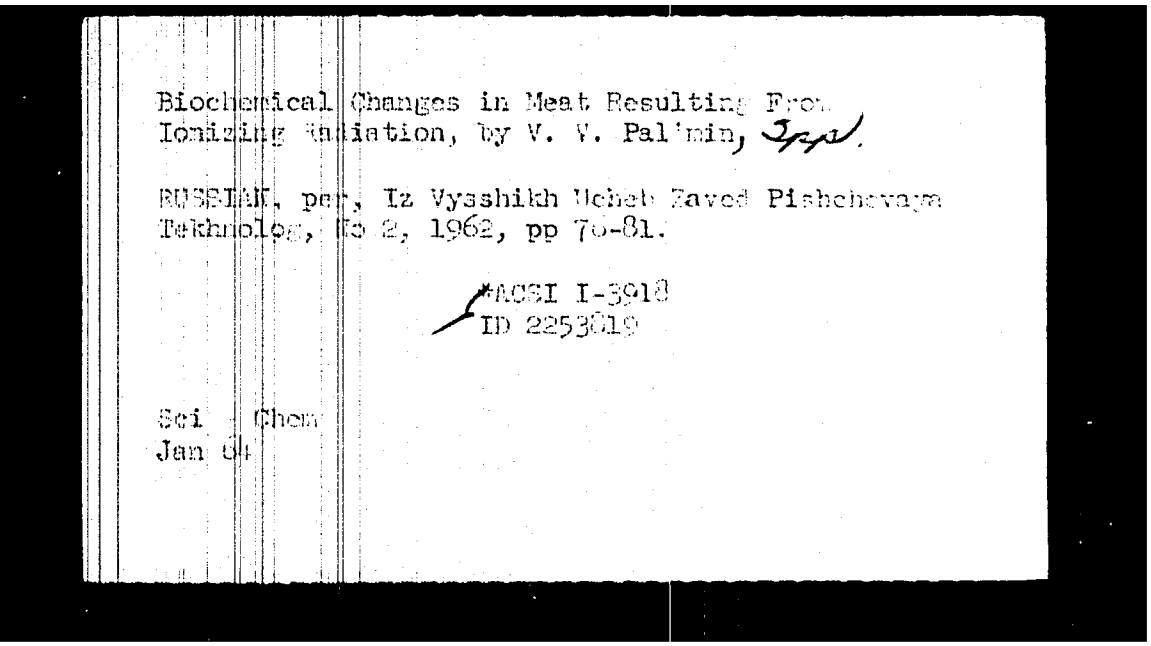
Investigation of the Thermophysical Properties of Intact Foam Plastics by the Nonstationary Method, by A. N. Lepilkin, S. I. Nozdrin, 15 pp. RUSSIAN, Per, Iz Vysshikh Ucheb Zaved, Pischchevaya Tekh, No 5, 1961, pp 122-130. 9226123 AEC-SC-T-64-1634

Sci-Phys
Jan 65

270,622

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Biochemical Changes in Meat Resulting From Ionizing Radiation, by V. V. Pal'min, [illegible]

RUSSIAN, per, Iz Vysshikh Uchebn Zaved Pishchevaym Tekhnolog, No 2, 1962, pp 70-81.

ACSI I-3918
ID 2253019

Sci - Chem
Jan 64

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Analysis of Water Absorption and Moisture Yield of Staple Fabrics For Dress and Coat Materials, by M. M. Diancih.
RUSSIAN, per, Izvest. Vyss. Ucheb. Zaved. Tekhnol. Tekstil. Prom., No 3, 1962, pp 32-36.
GB/121

Sci -
Aug 67

334,924

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

A Study of the Temperature Range in the Resistance Heating of the Meat of Sausage Products, by A. Yu. Vaikutite.
RUSSIAN, per, Izvestiya VUZ, Pishchevaya Tekhnologiya, 1962, No 4, pp 49-52.
NLL RTS 2347 (On Loan or Purchase)

Aug 65 288,874

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Autolytic and Denaturation Changes of the Components of Muscle Tissue During Chilling And Freezing of Meat, by P. ye. Pavlovskii RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch. Tekh. Vol. 5, No. 30, 1962, pp 52-57
GB/320/(Anon)

Sci -
Aug 67

336-044

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Alekseev, N. N.
ON THE DETERMINATION OF THE POTENTIAL OF MOISTURE TRANSMISSION IN TOBACCO. [1963]
10p 8refs
Order from OTS or SLA $1.10 63-20135

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenij]. Pishch[evaya] Tekh[nologiya] (USSR) 1962, no. 4, p. 144-149.

DESCRIPTORS: Mathematical analysis, *Moisture, *Tobacco, *Hygrothermagraphs.

It was found that the equilibrium partial water vapour pressure can be used as the potential of moisture transmission in capillary-porous colloidal materials in the hygroscopic region. The principles of the sorptional hysteresis are stated. A universal diagram of state of moist tobacco is proposed. (Author)
(Chemistry--Physical, TT, v. 10, no. 11)

63-20135

I. Alekseev, N. N.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Trubnikov, V. F. and Chenikov, V. V.
KINETICS OF THE VAPOUR SORPTION BY TOBACCO LEAVES. [1963] 8p (2 figs. omitted) 4refs
Order from OTS or SLA $1.10 63-18932

Trans. of Izv[estiya] Vys[shikh] Ucheb[nykh] Zav[edenii], Pishchevaya Tekhnologiya (USSR) 1962, no. 4, p. 150-153.

GB/116

DESCRIPTORS: *Tobacco, *Absorption, *Moisture, Sorption, Temperature, Humidity, Fermentation, Cigarettes, Smokes, Processing.

The authors quote experimental data on the absorption of moisture by tobacco leaves in the current of air, and show the relation between the rate of absorption of moisture and temperature and humidity. It is shown that the process of sorption of water by non-fermented tobacco consists of two periods, having different vapour sorption coefficients. A formula for the determination
(Chemistry--Physical, TT, v. 10, no. 11) (over)

63-18932

1. Title: Leaves
I. Trubnikov, V. F.
II. Chenikov, V. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Study of the Possibility of Using Preslaughter Adrenalization in the Meat Industry, by V.V. Pal'min.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch. Tekh Vol. 1, 1963, pp 66-71
GB/320 (Anon)

Sci -
Aug 67

336-043

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

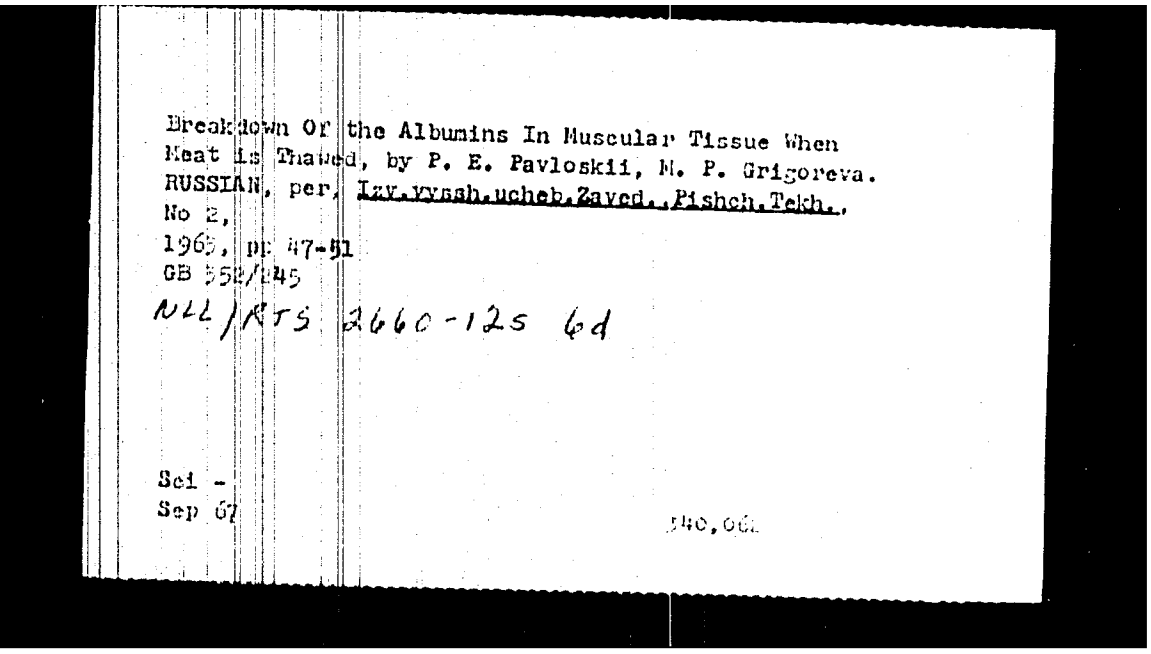
Lead Content of Canned Fish, by F.M. Purikov.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii
Pishch. Tekh, Vol. 33, No. 2, 1963, pp 32-35
GB/320 (Anon)

Sci -
Aug 67

336-045

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Breakdown Of the Albumins In Muscular Tissue When
Meat is Thawed, by P. E. Pavloskii, M. P. Grigoreva.
RUSSIAN, per, Izv.vyssh.ucheb.Zaved., Pishch.Tekh.,
No 2,
1965, pp 47-51
GB 552/245
NLL/RTS 2660-12s 6d

Sci -
Sep 67

540,662

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Effect of Temperature Regimes on the Plastic Structure of the Fat Basis of Margarine, by N. I. Kozin, E. N. Makarenko.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Pishchevaya Tekh, No 2, 1963, pp 77-82.

NLL RTS 2469 (loan)

Sep 64

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Neutralisation of Fatty Acid Impurities in Vegetable Oils and Fats in Non'Packed Spray Columns, by N. P. Ikhno.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Pischevaya Tekh, No 2, 1963, pp 130-137.

NLL RTS 2470 (loan)

Sep 64

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

R-4459-D

A Method for Determining the Quality of Wheat Flour by Soaking it in Acids, by M. I. Knyaginichev, V. I. Komarov.
RUSSIAN, per, Iz VUZ, Pishchevaya Tekh, No 6, 1963, pp 132-135.

*JPRS/USDA

Sci
Oct 64

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

A Study of the Properties of Specific Alkyl Sulphates and Alkyl Sulphates Made From Synthetic Aliphatic Alcohols, by A. A. Lesyuis, et al. RUSSIAN, per, Izvestiya Vysshikh Uchebiykh Zavedenii Pishchevaya Tekh, Vol 29, No 8, 1963, pp 22-24.
NLL RTS 2613

Sci - Beh & Soc Sci
Oct 67

342,724

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Conversions of Protein Components in Autolysed Muscular Tissue in the Process of Meat Cooling and Freezing, by N. E. Pavlovskii and M. P. Grigorieva.

RUSSIAN, per, Izvestiya Vysshikh Uchebiykh Zavedenii Pishchevaya Tekhnologiya, 1963, No 32, pp 24-29.

NLL RTS 2661 (On Loan or Purchase)

AS 352/244-

Aug 65

288,831

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

The Breakdown of the Albumins in Muscular Tissue When Meat is Thawed, by P. E. Pavlovskii, M. P. Grigoreva.
RUSSIAN, per, Izvestiya Vysshikh Uchebiykh Zavedenii Pishchevaya Tekhnologiya, No 2, 1963, pp 47-51.
NLL RTS 2660

Sci - R&M Behavoir & Soc Sci
OCG 67

342,723

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

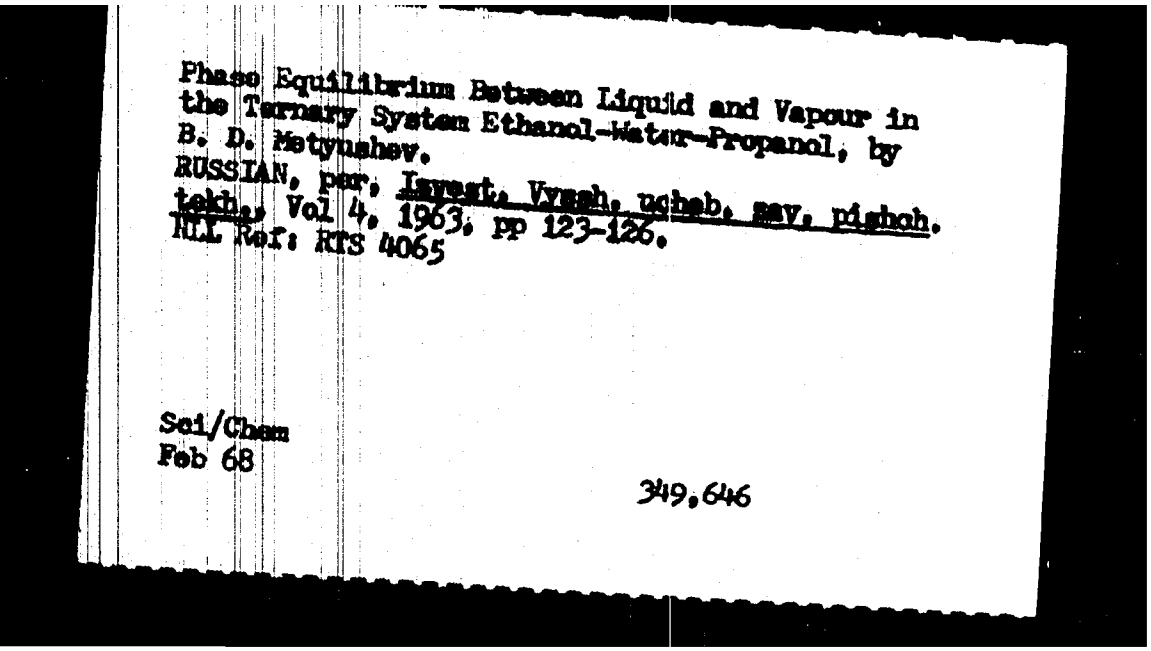
Problem of Changes in the Meat After Slaughter of the Animals, by A.A. Sokolov.
RUSSIAN, per, Izvest. Vyssh. Ucheb. Zavedenii Pishch Tekh, Vol. 35, No. 4, 1963, pp 86-89
GB/320 (Anon)

Sci -
Aug 67

336-046

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Phase Equilibrium Between Liquid and Vapour in the Ternary System Ethanol-Water-Propanol, by B. D. Metyushev.

RUSSIAN, per, Izvest. Vyssh. uchab. zav. pishch. tekhn., Vol 4, 1963, pp 123-126.

NLL Ref: RTS 4065

Sci/Chem
Feb 68

349,646

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Concerning Some Features of Wetting and Dehydration of Grain, by G. A. Yegorov.
RUSSIAN, Per. Iz VUZ Pishchevaya Teckhnolgiya,
No 1, 1964, pp 13-19
AGSI I-9054 A
ID 2204070065

Sci - B/M
Feb 66

296,179

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Structural Mechanical Properties of Starch Pastes, by E. I. Kovalevskaya.
RUSSIAN, per. Iz VUZ Pishchevaya Tecklnologiya, No 1, 1964, pp 40-43.
ACSI I-9054 B
ID 2204070065

Sci - B/M
Feb 66

296,180

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Communication. Determination of Functional Groups Proteins, by N. N. Meltyova.
RUSSIAN, per. Iz VUZ Pishchevaya Tekhnologiya, No 1, 1964, pp 61-63.
ACSI I-9054 C
ID 2204070065

Sci - S/M
Feb 66

296,181

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

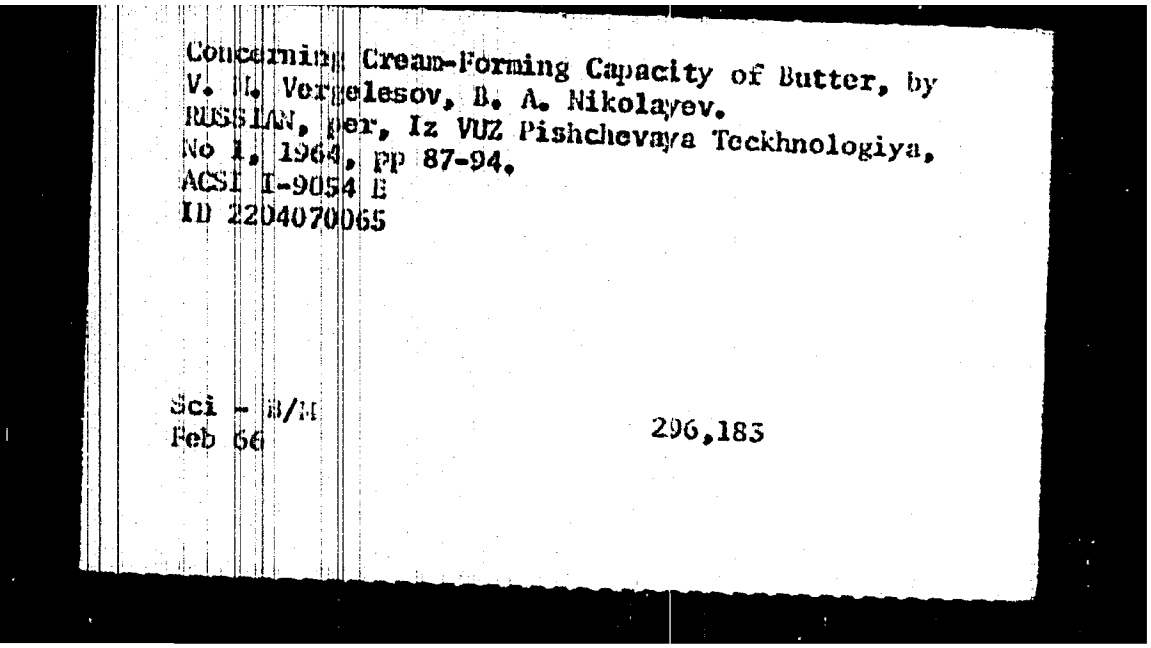
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

The Influence of Wetting of Maize Grain on Its Physico-Mechanical Properties, by I. K. Chaika.
RUSSIAN, per. Iz VUZ Pishchevaya Teckhnologiya, No 1, 1964, pp 79-81.
ACSI I-9054 D
ID 2204070065

Sci - B/M 296,182
Feb 66

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Concerning Cream-Forming Capacity of Butter, by
V. L. Vergelesov, B. A. Nikolayev.
RUSSIAN, per, Iz VUZ Pishchevaya Tekkhnologiya,
No 1, 1964, pp 87-94.
ACSI I-9054 E
ID 2204070065

Sci - M/H
Feb 66

296,183

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

A System for Automatic Recording of Pressures in Sublimation Drying of Products, by K. P. Rusanova, V. V. Demyanovsky.
RUSSIAN, per. Iz VUZ Pishchevaya Tekhnologiya, No 1, 1964, pp 167-171.
ACSI I-9054F
ID 2204070065

Sci - S/M
Feb 66

296,184

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

A Conference on Sublimation Drying of Food Products, by V. D. Surkov, E. J. Kaukhcheshvili.
RUSSIAN, per. Iz VUZ Pishchevaya Teckhnologiya, No 1, 1964, pp 174-.
ACSI I-9054 G
IB 2204070065

Sci - B/H
Feb 66

296,185

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Colloidal-Chemical Processes in Storage of Food Products, by Karpova, et al, 5 pp.
FOR OFFICIAL USE ONLY
RUSSIAN, per, Iz Vyssh Uchzab Zaved Pischev Tekh,
No 2, 1964, pp 21-25. 9698991
FSTC 381-T65-580
I-8611
ID 2204055265

Sci - Chem
Jan 66

294,470

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

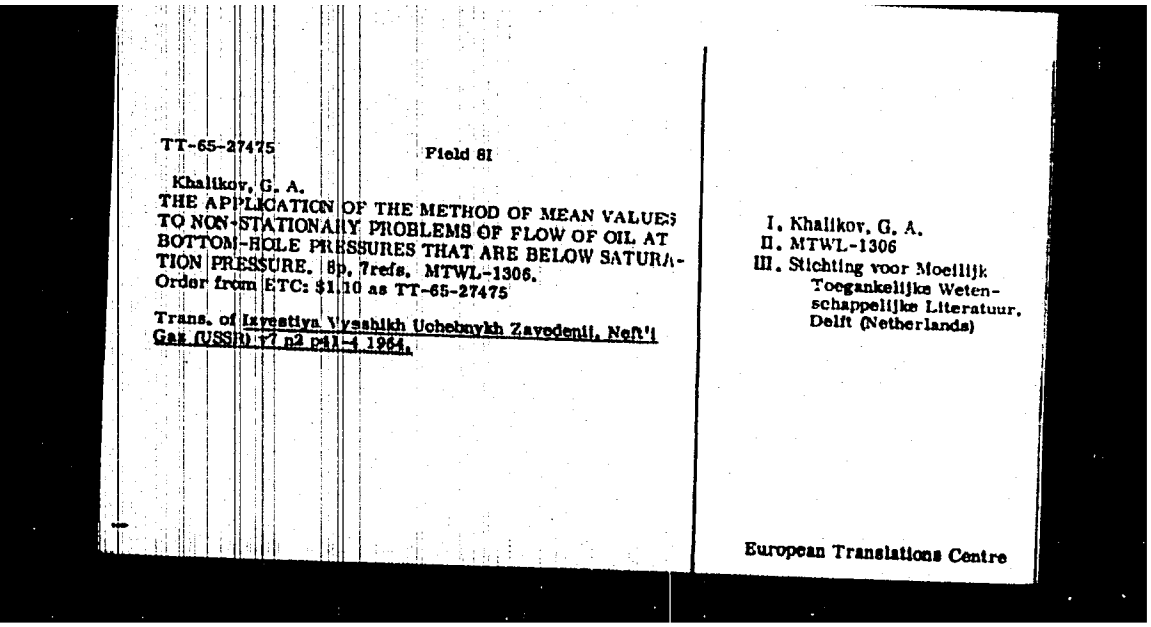
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Determination and Role of Calcium and Magnesium Rations in Cold Processing and Storage of Meat, by N. A. Golvkin. RUSSIAN, per. Izv. VUZ-Pishchevaya Tekhnologiya, No 2, (39), 1964, pp 35-37.
*ACSI I-8588
ID 2204052965

Sci/Agri
Nov 65

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



TT-65-27475 Field 8I

Khalikov, G. A.
THE APPLICATION OF THE METHOD OF MEAN VALUES TO NON-STATIONARY PROBLEMS OF FLOW OF OIL AT BOTTOM-HOLE PRESSURES THAT ARE BELOW SATURATION PRESSURE. 8p. 7refs. MTWL-1306.
Order from ETC: $1.10 as TT-65-27475

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Neft'i Gaz (USSR) v7 n2 p41-4 1964.

I. Khalikov, G. A.
II. MTWL-1306
III. Stichting voor Moeilijk Toegankelijke Wetenschappelijke Literatuur, Delft (Netherlands)

European Translations Centre

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

TT-65-27477 Field 8G, 8I

Allmamedov, L. S.; Kuliev, I. P.
FORCE DISTRIBUTION ALONG THE PROFILE OF A WAVE INTERACTING WITH PILE STRUCTURES. 9p, 6refs.
MTWL-1308.
Order from ETC: $1.10 as TT-65-27477

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Neft'i Gaz (USSR) v7 n2 p103-8 1964.

I. Allmamedov, L. S.
II. Kuliev, I. P.
III. MTWL-1308
IV. Stichting voor Moeilijk Toegankelijke Wetenschappelijke Literatuur, Delft (Netherlands)

European Translations Centre

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Depolymerization of Polysaccharides of Wheat Starch by Dry Heating Followed by Heating of a Suspension, by L. V. Babechenko, RUSSIAN, per. Izv VUZ Pishchevaya Tekhn, No 4, 1964, pp 2-23.
NLL RTS 3914
On Loan Only

Sci-B&M
Jul 67

330,617

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

(NY-3000/14)

The Sovnarkhoz as an Organ of State Administration and Questions on Its Structure, by N. A. Volkov, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Pravovedeniye, No 2, 1960, pp 42-50.

JPRS 5470

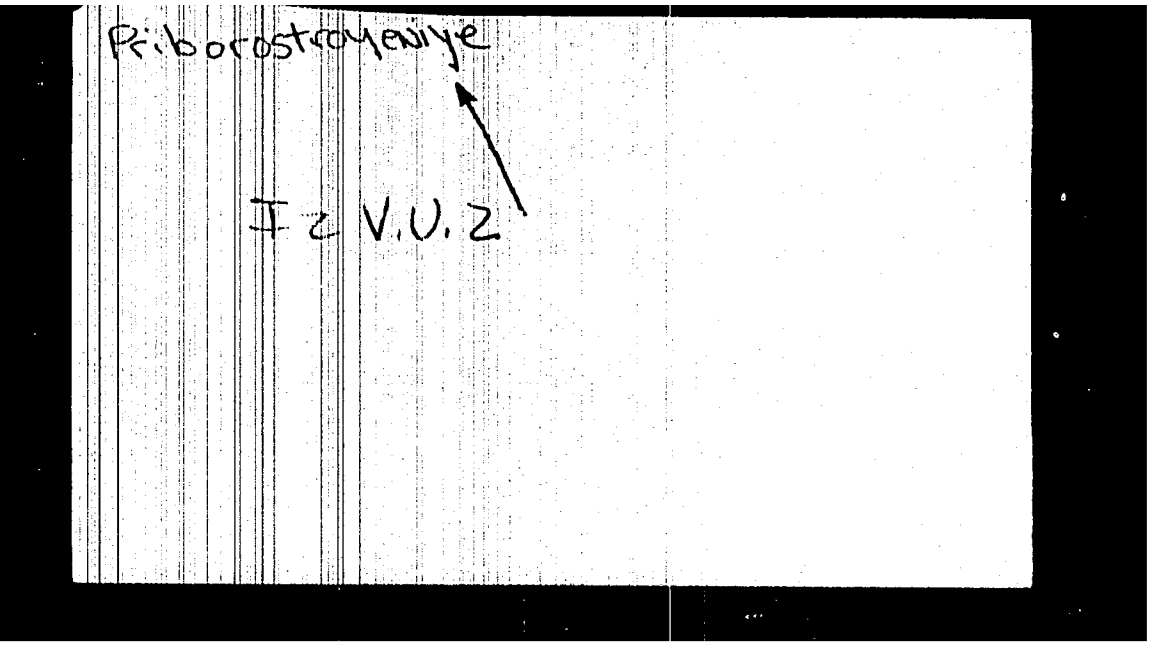
USSR

125, 452

Econ - Tech
Sep 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Analyzing the Accuracy of Remote Control of Radio Stations on Moving Objects, by A. I. Pimenov, 9 pp. UNCL.

RUSSIAN, per, Iz Vysshikh Uchab Zaved Priborostroyeniye, No 6, 1959.

ACSI H-8694
ID 2162125

Sci - Electronics
May 61

152, 304

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Instrument for Measurment of Frequency and Acceleration of Vibrations, by S. D. Rodkevich, 10 10 pp. UNKI

RUSSIAN, per, Iz Vysshykh Uchebnykh Zavedenity, Priborostroyeniye, No 3, 1958, pp 30-35. 9660766

ATIC MCL-91/III

Sci - Electron

Apr 61

149,709

Telecom 40795

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Kulikovskiy, L. F. and Vidmanov, Yu. I.
A PHOTOELECTROMETRIC AMPLIFIER AND ITS USES (Fotoelektrometricheskiy Usilitel' i yego Ispol'zovaniye) tr. by A. Pingell. 1960, 12p. 6 refs. N R L Trans. no. 822.
Order from OTS $0.50 60-21976

Trans. of Izvestiya Vysshikh Uchebnykh Zavedeniy. Priborostroyeniye (USSR) 1958, no. 5, p. 37-45.

The instrument of the "ФЭУ-37" type has three measurement limits: 100, 500, and 2000 mv. The time of damping of the instrument is 0.3 sec. The error at a 100 mv limit does not exceed 1%. The value of the output current for all measurement limits is 5 ma, with a loaded impedance up to 300 ohms. The use of this apparatus in practice has demonstrated its high operational properties. (Author)

(Engineering--Electronic, TT, v. 5, no. 11)

60-21976

1. Voltage amplifiers--Design
2. Title: Photoelectrometric amplifier
I. Kulikovskiy, L. F.
II. Vidmanov, Yu. I
III. NRL Trans-822
IV. Naval Research Lab., Washington, D. C.

9676756

160978

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Floating Two-Degree Gyroscopic Compass with Elastic Bearings of the Precession Axis, by M.A. Sergeyev.

RUSSIAN, per Iz. VUZ, Priborostroyeniye, No 5, 1958, pp 69-83. 9661840.

ATIC MCL 322/1-2-3

155,504

Sci - Engr
Jun 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Dynamics of the Magnetic Compass on an Aircraft,
by A.F. Khokhlov.

RUSSIAN, per, Is, VUZ, Priborostroyeniye, No 5, 1958,
9661840.

ATIC MCL 322/1-2-3

Sci - Engr
Jun 61

155,505

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

"Second Scientific and Technical Intervuz Conference on Problems of Contemporary Gyroscopy" by Ye. F. Otvagin

Izvestiya Vysshikh Uchebnykh Zavedeniy, Priborostroyeniye, No 5, 1958, pp 161-163

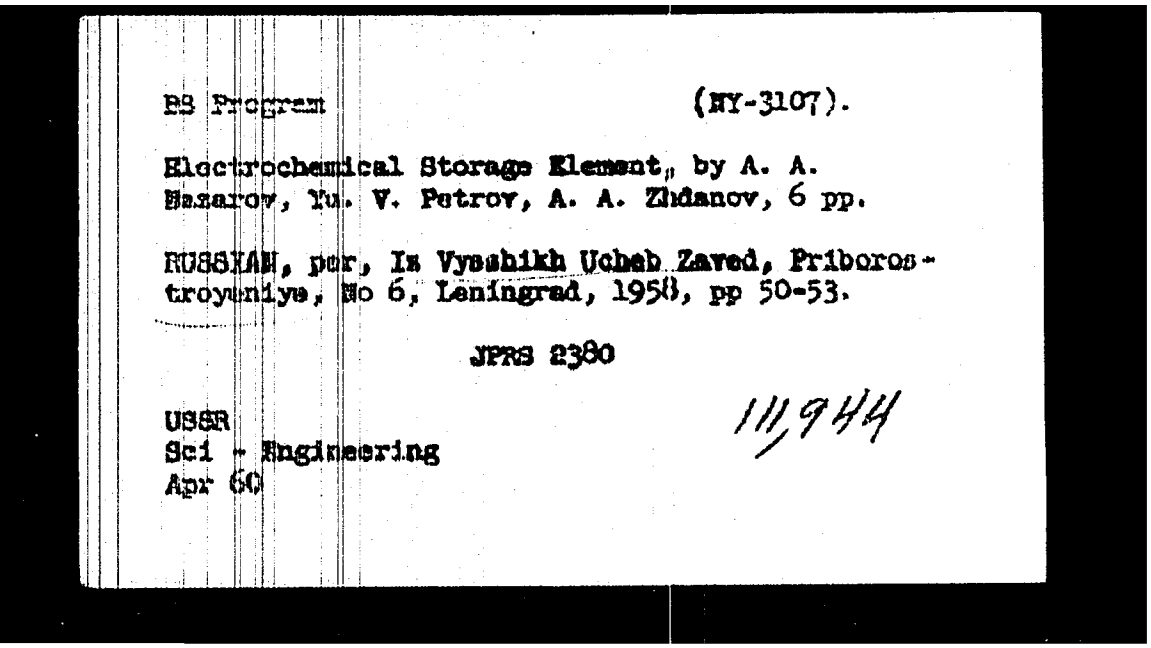
Sep-Oct

Pulled in SIR 28

dcy; mfl

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



BS Program (NY-3107).

Electrochemical Storage Element, by A. A. Nazarov, Yu. V. Petrov, A. A. Zhdanov, 6 pp.

RUSSIAN, per, Iz Vysshikh Uchebn Zaved, Priborostroyeniye, No 6, Leningrad, 1958, pp 50-53.

JPRS 2380

111944

USSR
Sci - Engineering
Apr 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

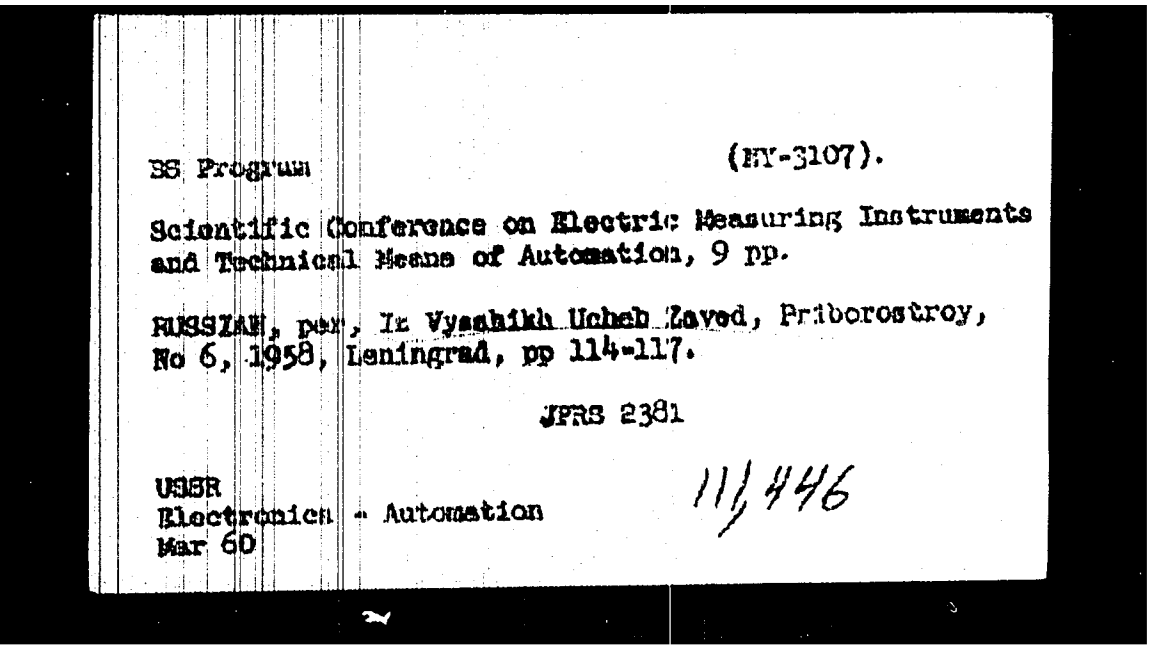
Gene Ralisation of the Theory of a Regulat Heat Regime with Variable Thermal Capacity and Thermal Conductivity Coefficients, by L. I. Kudyashev, L. N. Zhemkov, RUSSIAN, per, Izv VUZ priborostroenie, No 6, 1958, pp 100-108.
NLL 5809.51 (TIL/T5683)

Sci-Phys
Jul 67

330,595

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



SS Program (MY-3107).

Scientific Conference on Electric Measuring Instruments and Technical Means of Automation, 9 pp.

RUSSIAN, per, Iz Vysshikh Uchebn Zaved, Priborostroy, No 6, 1958, Leningrad, pp 114-117.

JPRS 2381

USSR
Electronics - Automation
Mar 60

11,446

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Semiconductor Phase-Sensitive Amplifiers With Relay Output, by N. S. Nikolayenko, 6 pp. UNCL

RUSSIAN, per, Iz Vysshikh Uchab Zaved Priborostroyeniye, No 6, 1959, pp 17-22.

ACSI M-8695
ID 2163940

Sci - Electronics
May 61

151,330

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

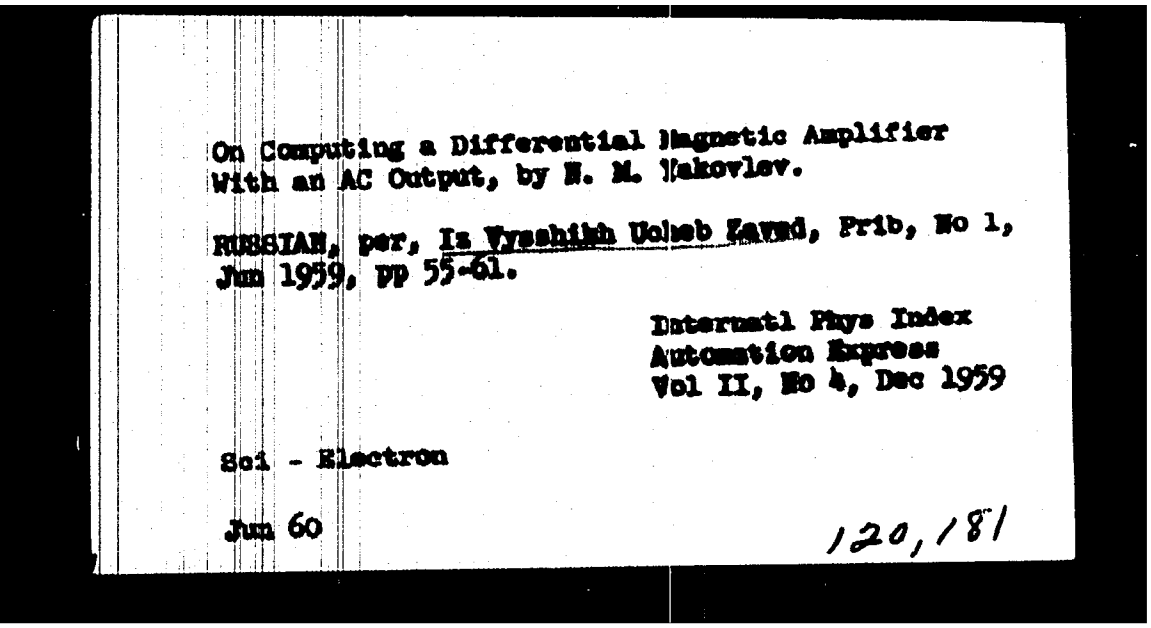
Ultrasonic Emitters With Quartz Piezoelements of Y-Section, by A. P. Sviridov, Ye. A. Korepin, 6 pp. RUSSIAN, per, Iz Vyssh Ucheb Zaved, Pribor, No 1, 1959, pp 34-37. 9695450
FTD-TT-63-1226

Sci - Elec
Dec 64

269,698

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



On Computing a Differential Magnetic Amplifier With an AC Output, by N. M. Makovlev.

RUSSIAN, per, Iz Vysshikh Uchsb Zavad, Prib, No 1, Jun 1959, pp 55-61.

Internatl Phys Index
Automation Express
Vol II, No 4, Dec 1959

Sol - Electron

Jun 60

120,181

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

The Realization of Approximate Multiplication in Computers of the Discrete Type, by I. S. Bulgakov. Vyssshikh

RUSSIAN, per, Iz Vuzov Uchab Zaved, Prib, No 1, Jun 1959, pp 77-80.

Internatl Phys Index
AutomationExpress
Vol II, No 4, Dec 1959

Sci - Electron

Jun 60

120,180

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Present State of the Theory and Technology of Autcmatic Control, and Prospects of Their Development, by A. V. Fatayev. UNCL

RUSSIAN, per, Iz Vysshikh Uchab Zaved, Priborostroye, No 2, 1959, pp 6-16.

DSIR LLU M.1324

Sci - Engr (loan)

Apr 60

112, 670

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Errors of a Single-Degree-of-Freedom Integrating Gyro Due to Angular Oscillations of Its Base, by S. S. Arutyunov,

RUSSIAN, per, Iz Vysshikh Uchebnyk Zaved, Prib, No 2, 1959, pp 56-58.

ARS Journal.
Vol XXX, No 7

Sci - Phys

Aug 60

122,464

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Contribution to the Problem of the Gyroscope-Stabilized Platform with the Period of Natural Oscillations T = 84.4 Min, by V.A. Karakashov, 15 pp.

RUSSIAN, per, Iz Vysshykh Ucheb Zaved Priborostroyeniye, No 2, 1959, pp 67-75.
9678941

FTD-TT-62-1157

Sci-Engr
Doc 62

19,369

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Towards a Theory of the Self-Existing Gyroscope,
by D. R. Merkin.

RUSSIAN, per, Iz Vyashikh Ucheb Zavod, Priborostroyeniye, No 3, 1959, pp 21-24, 9094160

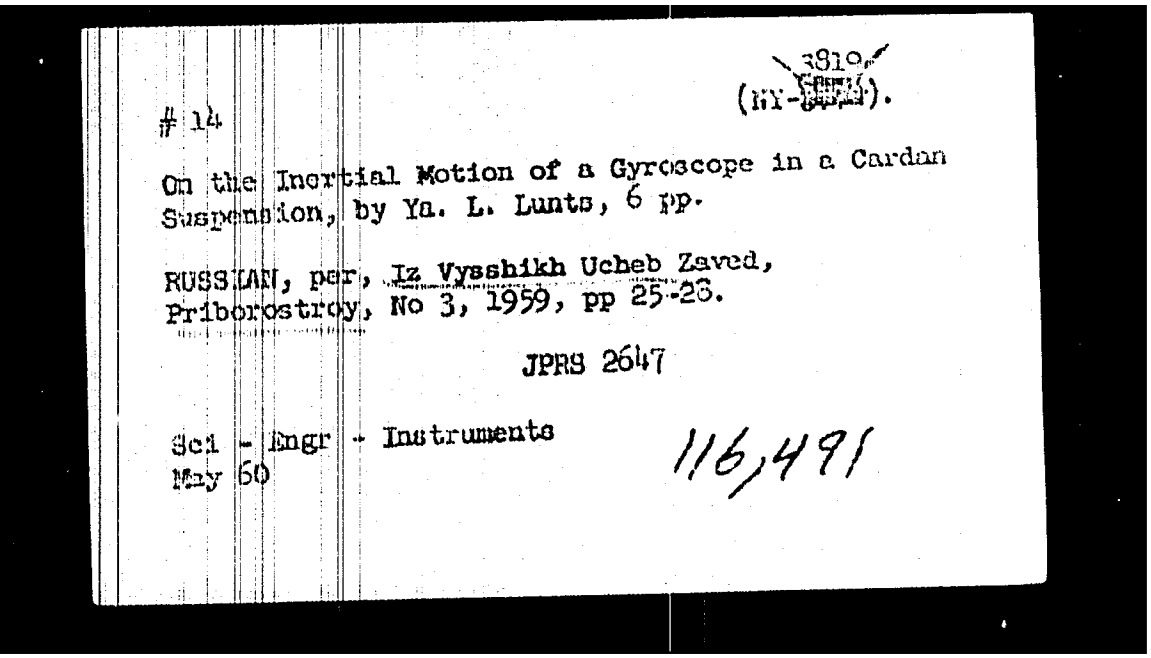
DSIR LIU M.1898
(loan)
*JPRS

Sci - Engineering
Nov 60

132,326

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



3810
(NY-[redacted]).

14

On the Inertial Motion of a Gyroscope in a Cardan Suspension, by Ya. L. Lunts, 6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroy, No 3, 1959, pp 25-28.

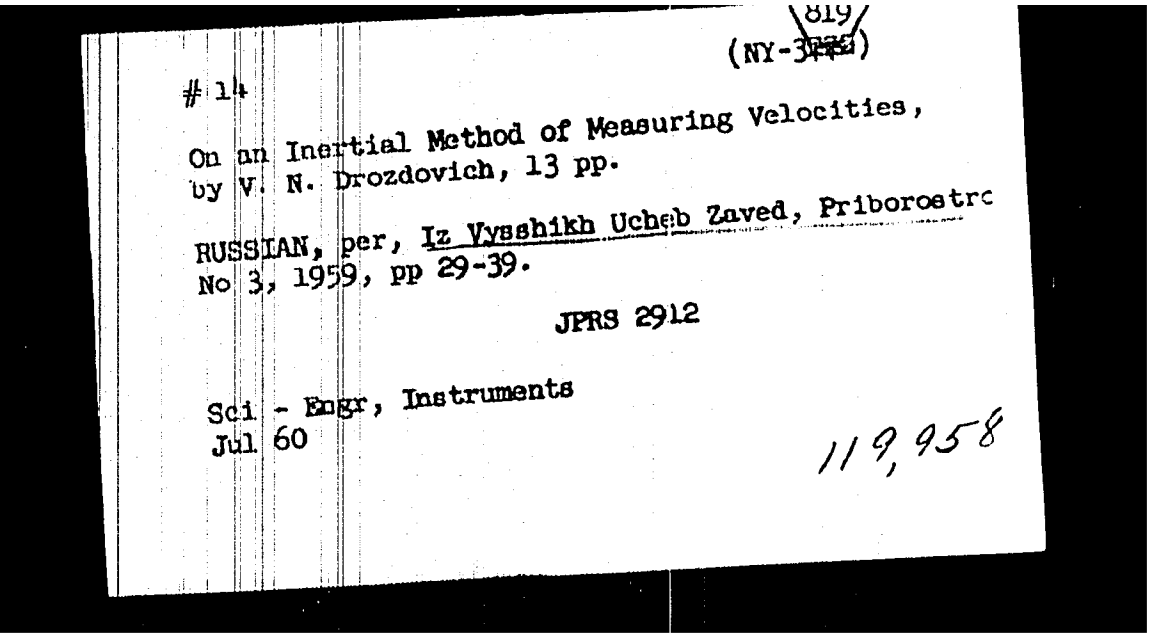
JPRS 2647

Sci - Engr - Instruments
May 60

116,491

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



819

(NY-3[illegible])

#14

On an Inertial Method of Measuring Velocities, by V. N. Drozdovich, 13 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priboroetro No 3, 1959, pp 29-39.

JPRS 2912

Sci - Engr, Instruments
Jul 60

119,958

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

14 (NY-[redacted] 3819).

e Behavior of a Gyroscopic Stabilizer on a
cking Base, by A. I. Chistyakov, 16 pp.

SSIAN, per, Iz Vysshikh Ucheb Zaved, [redacted] Priborostroy,
3, 1959, pp 40-49.

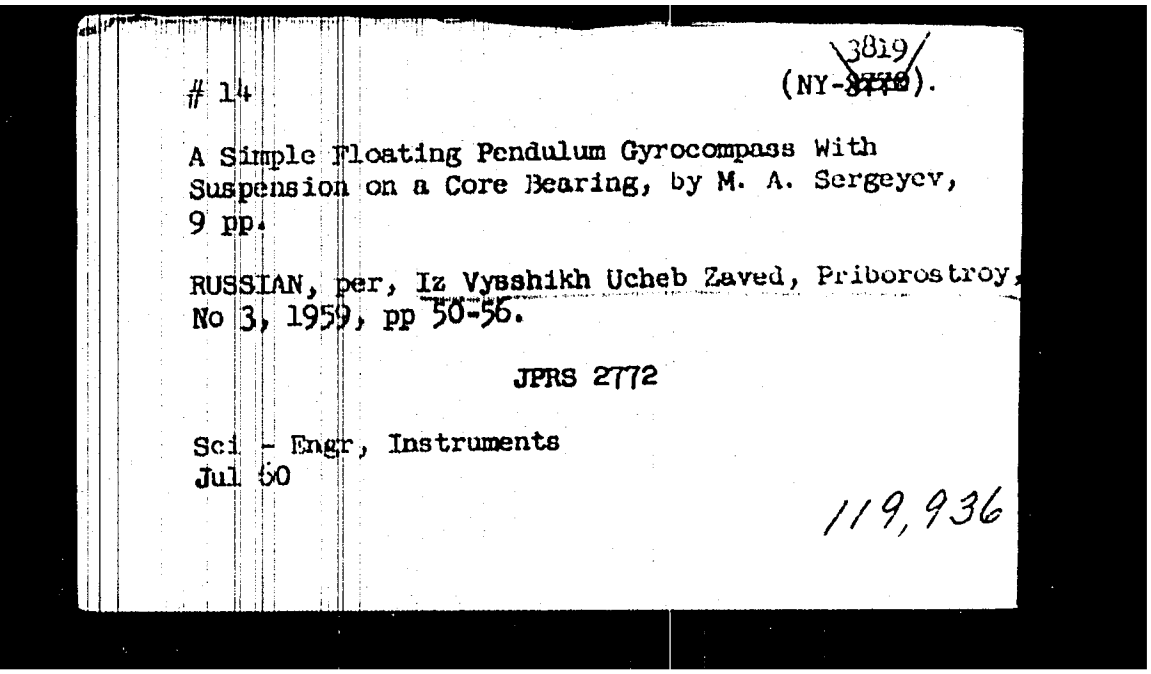
JPRS 2884

l - Engr
) 60

126,988

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



14

(NY-3819).

A Simple Floating Pendulum Gyrocompass With Suspension on a Core Bearing, by M. A. Sergeyev, 9 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostroy, No 3, 1959, pp 50-56.

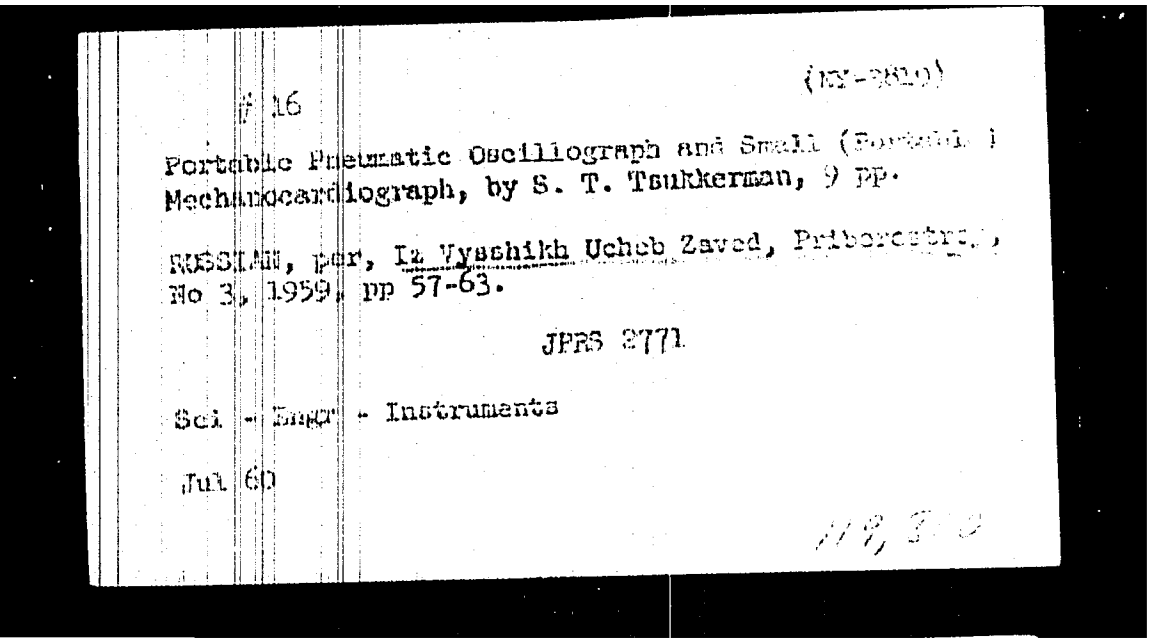
JPRS 2772

Sci - Engr, Instruments
Jul 60

119,936

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



(MY-2820)

16

Portable Pneumatic Oscillograph and Small (Portable) Mechanocardiograph, by S. T. Tsukkerman, 9 pp.

RKSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborostr., No 3, 1959, pp 57-63.

JPRS 2771

Sci - Engr - Instruments

Jul 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Ultra-Low Frequency Measurements in Automatic Control Systems, 3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Priborost
Vol II, No 4, 1959, pp 19-27.

AID SIF-333

Sci - Electron
Aug 60

121,914

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Some of the Design Problems of the High-Accuracy Automatic Direct Current Potentiometers With Digital Indication, by E. Tenyakov.

RUSSIAN, per, Iz Vyss Ucheb Zaved: Priborostroenie, Vol II, No 4, 1959, pp 38-45.

CSIRO/No 6016
OTS, CLA etc TT-63-23752 (16pp)

Sci. - Engr
Oct 63

241,438

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Decimal Translator Circuits (Decaden), by
F. YA. Galkin, M. N. Ivanov, 4 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved-Pribor,
No 4, 1959, pp 91-96.

ACSI, H-7935
ID 2156388

Scl - Electron

140,037

Feb 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

The Calculation of Follow-Up Systems for a Vector Plotter, by L. P. Shinkarev.
UNCLASSIFIED

RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedniy - Priborostroyeniye, No 4, 1959, pp 97-105.

ACSI H-7936
ID 2156389

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

(NY-5355)

Determining the Aerodynamic Resistance and Friction in the Axis Bearings of a Gyroscope Motor by a Method of Coasting in a Vacuum, by A. G. Bessonov, 17 pp.

RUSSIAN, per, Iz Vyasshikh Uchab Zaved Priborostroyeniye, Vol III, No 1, 1960, pp 61-68.

JPRS 7342

Sci - Engr

137,757

Jan 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

(MY-5046/a)

On the Problem of Errors of a Two-Degree Integrating Gyroscope Caused by Angular Oscillations of Its Base, by S. S. Arutyunov, 11 pp.

RUSSIAN, per, Iz Vysshikh Uchebn Zaved, Priborostroyeniye, Vol III, No 3, 1960, pp 54-58.

JPRS 7503

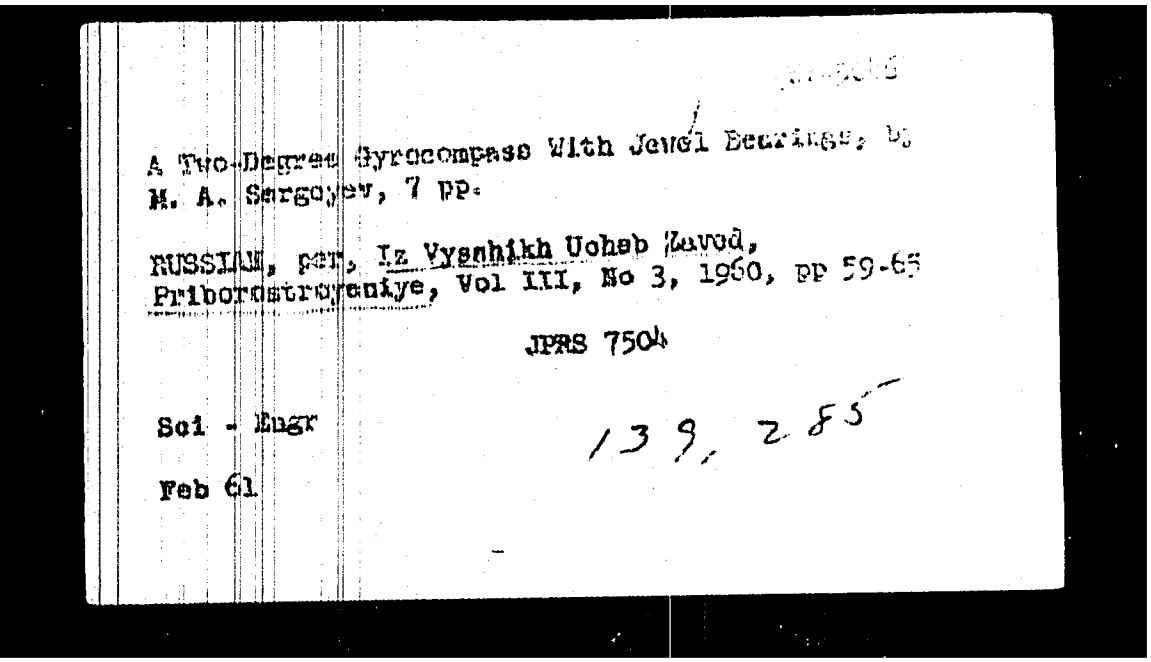
Sci - Engr

Feb 61

140,315

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



A Two-Degree Gyrocompass With Jewel Bearings, by
M. A. Sergoyev, 7 pp.

RUSSIAN, per, Iz Vysshikh Uchab Zavod,
Priborostroyeniye, Vol III, No 3, 1960, pp 59-65

JPRS 7504

Sci - Engr

Feb 61

139, 285

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

(MY-5046)

Small-Size Gyroscopic Recorders of the Rolling of Ships, by P. A. Il'in, 13 pp.

RUSSIAN, per, Iz Vyeshikh Uchyb Zaved, Priborostroyeniye, Vol III, No 3, 1960, pp 66-73.

JPRS 7582

Sci - Electron

Mar 61

142,456

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

(NY-5046)

On the Problem of Using an Attenuation Switch on the "Kurs" Type Gyrocompass, by I. I. Degterev, 4 pp.

RUSSIAN, per, Iz Vysshikh Uchob Zaved, Priborostroyeniye, Vol III, No 3, 1960, pp 74-76.

JPRS 7583

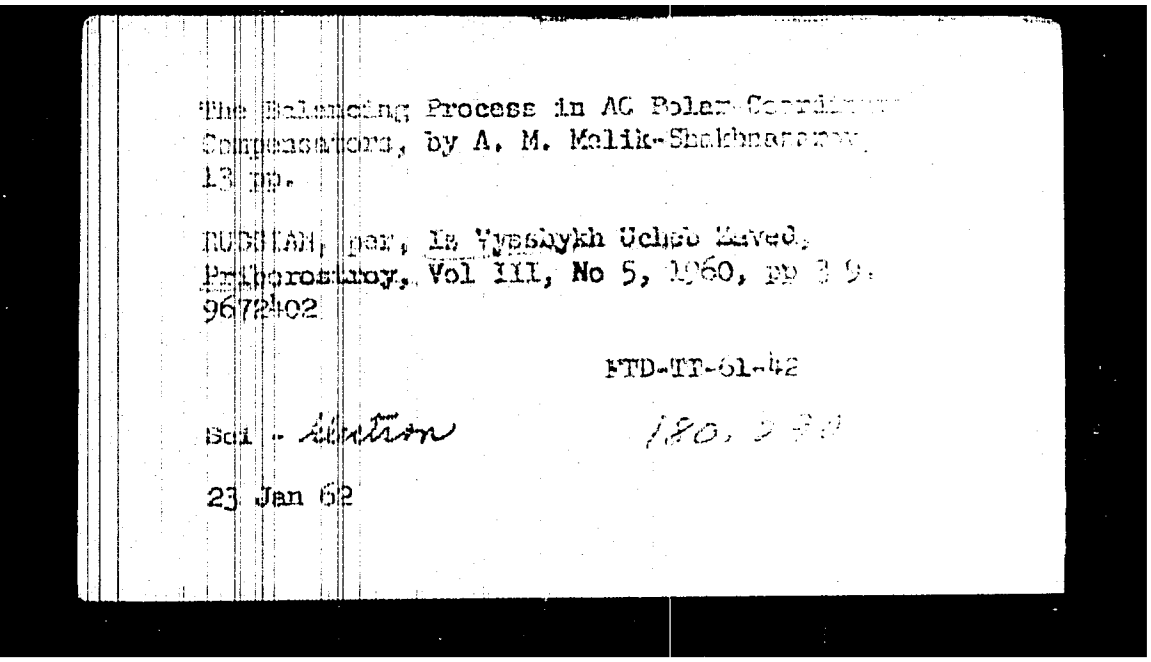
Sci - Engr

Mar 61

144,207

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



The Balancing Process in AC Polar Coordinate Compensators, by A. M. Malik-Shakhnarovich, 13 pp.

RUSSIAN, per, Iz Vysshykh Uchebn Zaved, Priborostroy, Vol III, No 5, 1960, pp 3 9.
9672402

FTD-TT-61-42

Sol - Allison 180, 2-3

23 Jan 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Melik-Shakhnazarov, A. M. and Savin, V. V.
SELF-COMPENSATING TELEMETERING SYSTEM FOR MEASUREMENT OF PRESSURES (Avtokompensatsionnaya Teleizmeritel'naya Sistema dlya Izmereniya Davleni). [1962] [27]p. (foreign text included) 7 refs.
Order from OTS or SLA $2.60 62-14000

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Priborostroenie (USSR) 1960, v. 3, no. 5, p. 10-19.

DESCRIPTORS: Petroleum industry, Oils, Processing, Industrial plants, *Pressure, Measurement, *Telemeter systems, Telemetering, *Transducers, *Magnetic fields.

The pressure telemetering system described here is a self-compensating mechanism which represents the magnitude of the measured pressure by means of an inductive transducer with a mixed magnetic field. The (Engineering--Electronic, TT, v. 8, no. 3) (over)

62-14000

I. Melik-Shakhnazarov, A. M.
II. Savin, V. V.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

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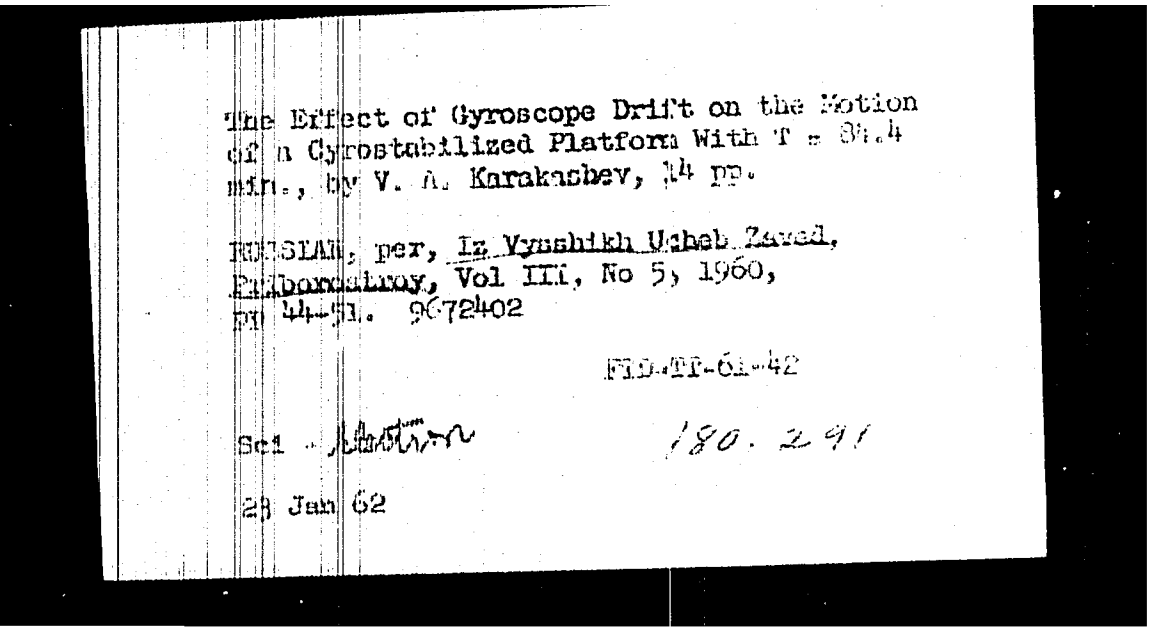


The Effect of Gyroscope Drift on the Motion of a Gyrostabilized Platform With T = 84.4 min., by V. A. Karakashev, 14 pp.

RUSSIAN, per, Iz Vysshikh Uchab Zaved, Priborostroy, Vol III, No 5, 1960, pp 44-51. 9672402

FTD-TT-61-42

Sc1 - Master 180.291

23 Jan 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

An Automatic Precision Device for Determining True Course and Latitude, by A. F. Mokhlov, 16 pp.

RUSSIAN, per, Iz Vysshikh Uchebn Zavod, Priborostroy, Vol III, No 5, 1960, pp 52-62. 96724-02

FTD-TT-61-42

Sci - Electron

180, 293

23 Jan 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

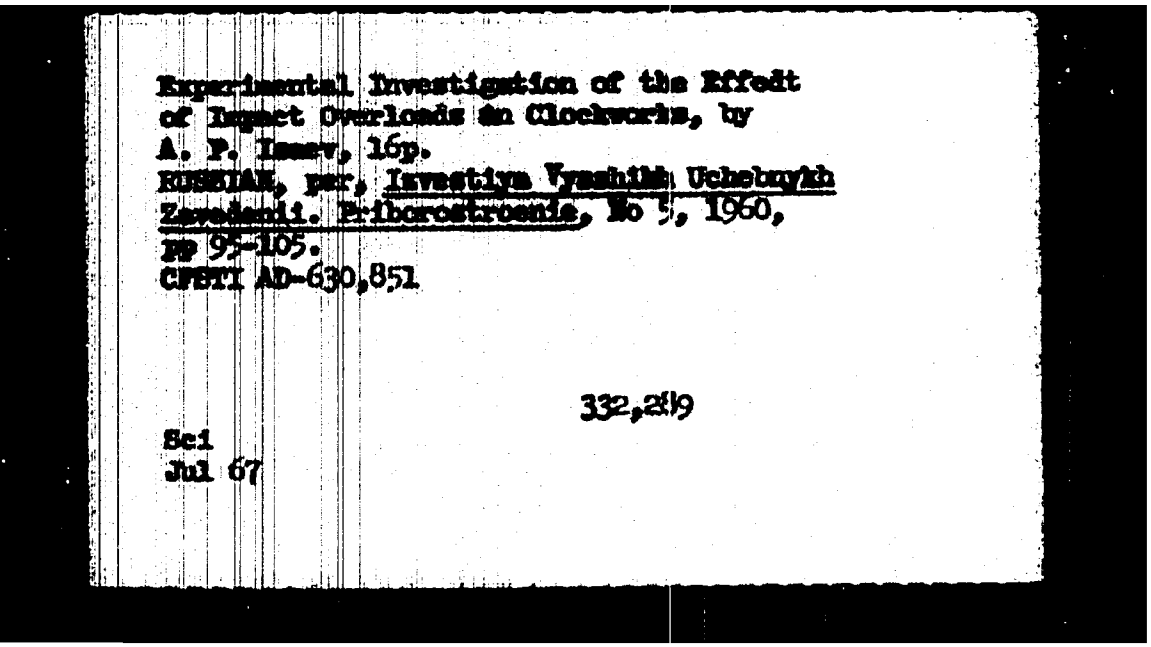
Experimental Investigation of the
Effect of Impact Loading on a
Clockwork Mechanism, by A. P. Isoyev, 12 pp.
RUSSIAN, per, Iz VUZ-Priborostroyeniye,
No 5, 1960, pp 88-94.
ACSI I-9181
ID 2204003566
FSTC-HT-23-35-66

Sci-Elect
Apr 66

299,597

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



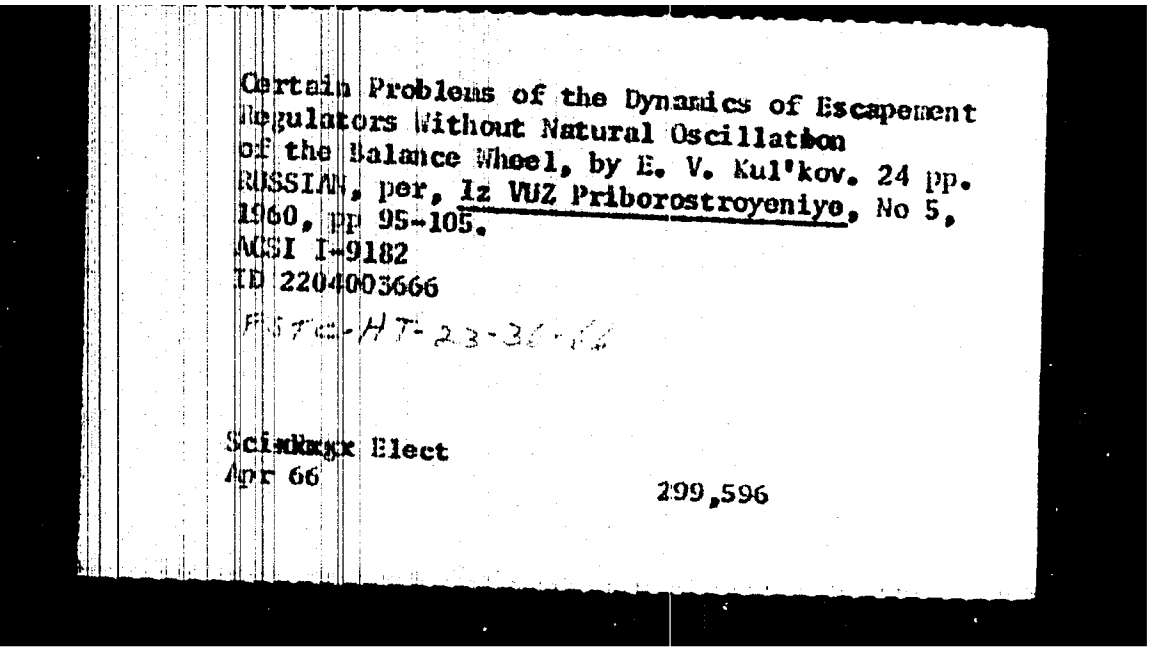
Experimental Investigation of the Effect of Impact Overloads on Clockworks, by A. P. Ivanov, 16p.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii. Priborostroenie, No 3, 1960, pp 95-105.
CFSTI AD-630,851

332,219

Sci
Jul 67

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



Certain Problems of the Dynamics of Escapement Regulators Without Natural Oscillation of the Balance Wheel, by E. V. Kul'kov. 24 pp. RUSSIAN, per, Iz VUZ Priborostroyeniye, No 5, 1960, pp 95-105.
AGSI I-9182
TD 2204003666

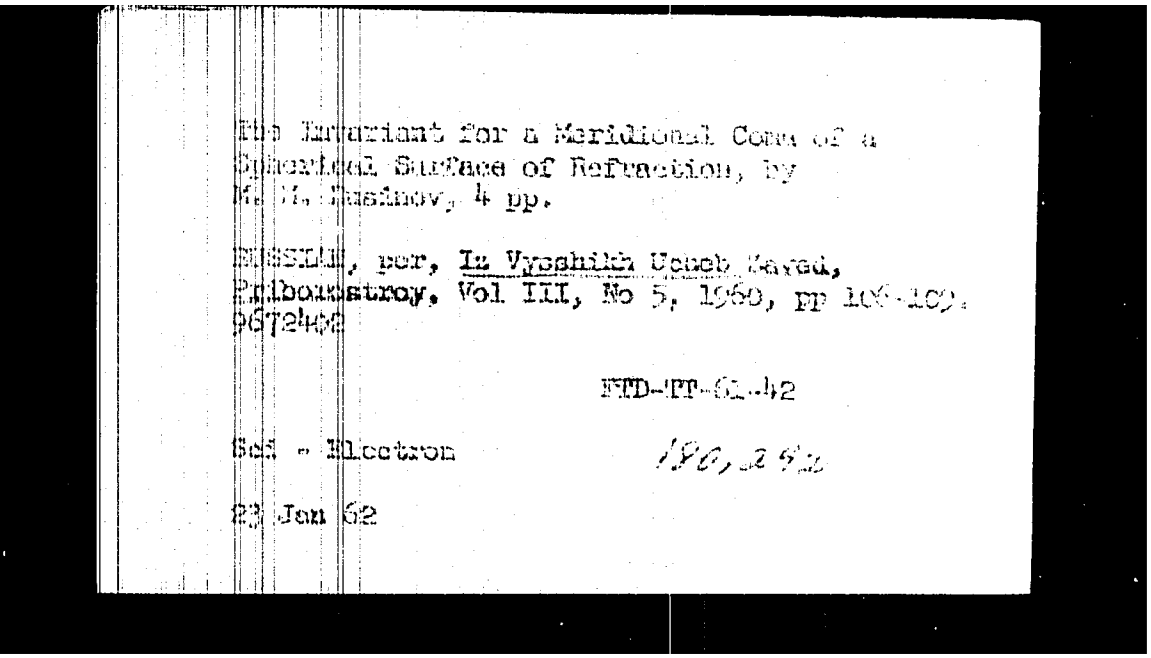
FSTC-HT-23-36-66

Scientific Elect
Apr 66

299,596

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0



The Invariant for a Meridional Conv of a Spherical Surface of Refraction, by M. M. Rashkov, 4 pp.

RUSSIAN, per, Iz Vysshikh Uchebn Zaved, Priborostroy, Vol III, No 5, 1960, pp 105-109. 96T2462

FTD-TT-62-42

Sci - Electron

23 Jan 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

On the Possibility of Internal Damping in Inertial Systems, by E. G. Smenkovskiy, 5 pp.

RUSSIAN, per, Izvestiya V.U.Z., Priborostroyeniye, Vol III, No 6, 1960, pp 34-44.

Internti Physical Index
Automation Express
Vol III, No 7

Sci - Phys

Jun 61

158, 778

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Investigating a Pulsed System For Controlling the Speed of a D-C Motor With Semiconductive Key in the Armature Circuit, by T. A. Glazenko, Yu. A. Korobitsyn.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved - Priborostroy, Vol IV, No 1, 1951, pp 36-42.

ERDL, Ft Belvoir T-1428

171, 614

Sci - Electricity

Oct 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

A Photomultiplier for Measuring Radiant Flux in Lighted Models With an Absorbing Medium, by V. V. Ronshin, 8 pp.

RUSSIAN, per, Iz Vysshikh Uchub Zaved, Priborostroyeniye, No 1, 1961, pp 94-98. 9664228

FTD-TT-61-319

Sci - Phys

2 Mar 62

186, 254

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

AN APPROXIMATION METHOD OF CALCULATING SINGLE-ACTING PNEUMATIC MECHANISMS, BY I. M. PLEKHOV, N. A. KOZULIN, 9 PP.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, PRIBOROSTROYENIYE, VOL IV, NO 2, 1961, PP 52-57. 9665779

FTD-TT-62-325

SCI - ENGR
JUL 62

204,460

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

A POTENTIOMETER SERVO SYSTEM WITH COMPENSATION OF DYNAMIC ERRORS, BY A. A. VAVILOV, A. A. BEZVIKONNYY, ET AL, 14 PP.

RUSSIAN, PER, IZ VYSSHIKH UCHEB ZAVED, PRIBOROSTROYENIYE, VOL IV, NO 2, 1961, PP 58-66. 9665779

FTD-TT-62-325

SCI - ENGR
JUL 62

204,461

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Experimental Study of the Effect on Vibrations on Friction in the Cylindrical Guidebearings for a Balance-Wheel Spindle, by A. P. Ivanov, 16p.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh Zavedenii. Priborostroenie, Vol 4, 1961, pp 101-8.
CFSTI AD-630,853

332, 290

Sci 67

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Average and Finite Pulse Parameters in Pin Type Escapements, by E. V. Kul'kov, 11 pp.
RUSSIAN, per, Iz VUZ Priborostroyeniye, No 2, 1961, Mar-Apr pp 101-110.
ACSI I-9184
ID 2204003866
FSTC-HT 23-96-66

Sci-Math
Apr 66 299,592

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

To the Question of Calculating Thermal Compensation in Oscillatory Circuits, by Vishnevskiy.
RUSSIAN, per, Iz VUZ, Priboros, No 3, 1961, pp 11-18.
AESI I-9185
IB 2204003966

Sci - Elec
Jan 66

++-66-60963
AD-630-929

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0

Stabilization of the Oscillation Period of the Balance Wheel in an Escapement Type Governor with a New Type of Non-Free Movement, by Aksel'rod.
RUSSIAN, por, Iz VUZ, Priboros, No 3, 1961, pp 83-94.
ACSI I-9185
ID 2204003966

Sci - Eloc
Jun 66

AD-630-924 TT-66-60983

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130038-0